Canon

PowerShot 350

DIGITAL CAMERA

E INSTRUCTIONS
English

Thank you for purchasing this Canon digital camera.
Before taking any photographs, please read these instructions carefully for a thorough understanding of how the camera works.

Features

1. **CompactFlash™ Memory**
   The removable compact flash memory cards make transferring images to your computer a breeze. You can also use the cards like digital film, using several cards to store a large number of images.

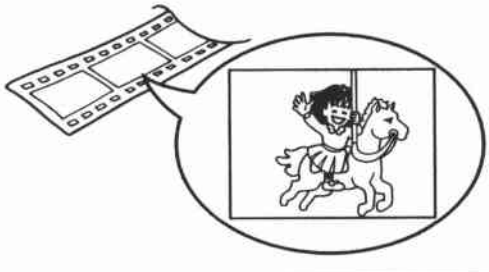
2. **1.8 inch Colour LCD Panel**
   This LCD panel allows you to view your images immediately after capturing them.

3. **Choice of Three Power Sources: Alkaline batteries, AC adapter, or rechargeable Ni-Cd batteries**
   In a addition to alkaline batteries, the PowerShot 350 allows you to use the power source most appropriate for the conditions you are using.

4. **JPEG Support**
   The PowerShot 350 uses the popular JPEG (Joint Photographic Experts Group) image format.

You can enjoy the following activities

Use the NEGA function to reverse the colours when viewing normal negative film. (→32)



Connect the camera to your computer with the serial cable and enter text, change the colours, and freely edit the images. (→38)

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Rechargeable Ni-Cd Batteries

- The Ni-Cd batteries have not been charged before shipment. Therefore, you will need to charge them before using them for the first time.
- Charge the batteries in a location with an ambient temperature between 41° and 104°F/5° and 40°C.
- To get the best performance from the rechargeable Ni-Cd batteries, we recommend that you use them for taking pictures, or playback, until the power in the batteries is exhausted each time they are used.
- If Ni-Cd batteries that have been charged, are recharged without being used the capacity of the batteries will be reduced.
- If the capacity of the batteries is reduced, even after they have been charged, this indicates that the batteries have reached the end of their useful life. Replace the batteries with new ones.
- The rechargeable Ni-Cd batteries are warm after they have been used. This is normal and is not a malfunction.
- Always remove the batteries from the camera if you will not be using the camera for a long time.
- Do not allow the contact terminals on the batteries to become dirty.
- When carrying or storing the batteries, do not allow the contacts to come into contact with other metal objects.
- When storing the batteries, always store them at an ambient temperature between 50° and 77°F/15° and 25°C.
  Do not store the batteries in locations that are; very cold, hot and humid, or smoky locations.
- If storing the batteries for a long time, we recommend that once a year you charge them and then use them to run down the power again.
- Ni-Cd batteries must be recycled or disposed of properly.

NOTE FOR CUSTOMERS IN EUROPE

Use of shielded cable is necessary to comply with the technical requirements of EMC Directive.

NOTE FOR CUSTOMERS IN EUROPE

NICKEL-CADMIUM BATTERY.
MUST BE RECYCLED OR DISPOSED OF PROPERLY.

Safety Precautions

- Please read the following safety precautions to ensure that you use your camera correctly and safely.
- In order to prevent injury or damage to the person using the camera, or other people, always observe these precautions when using the camera.
  Items that if ignored could result in danger to the user, or damage to the equipment are indicated by the following icons.

⚠ This icon indicates information which if ignored may result in death or serious injury. Always observe these precautions.

⚠ **CAUTION** This icon indicates information which if ignored could result in injury or damage to the equipment. Always observe these precautions.

This manual also uses the following icons.

⊘ This indicates an operation or action that is prohibited.

⊘ This indicates that an operation or action includes information about prohibited items.

⚠ WARNING

⊘ **Never use batteries other than those specifically intended for this camera.** The batteries (dry batteries) may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ **Never use a combination of new and old batteries together.** Also do not use batteries from different manufacturers together. The batteries (dry batteries) may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ **Do not dispose of batteries in fire.** Never disassemble, heat or short-circuit the batteries. The batteries (dry batteries) may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ **Never charge alkaline, lithium or other types of non-rechargeable batteries.** The batteries (dry batteries) may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⚠ **Always store batteries out of reach of small children.** The batteries contain harmful liquids. If a battery is swallowed, consult a doctor immediately.

⚠ **Always remove the batteries if the camera will not be used for a long period.** If the camera is stored with the batteries still inside it, the battery liquid may leak causing damage to the camera, stains, or a fire hazard.

⚠ WARNING

⚠ **Do not continue using the camera if it (or the batteries) become unusually hot, emits smoke or an unusual smell.** This could result in a fire, or burns. **While taking care not to injure yourself, remove the batteries and consult your dealer immediately.**

⚠ **Dispose of batteries properly**. When disposing of batteries, cover the contact terminals with tape to insulate them.

⚠ **Always insert the batteries with the correct + and – polarity.** The batteries (dry batteries) may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ **Do not cover the flash unit with your fingers or hair.** Do not touch the flash unit if it is used continuously as this could result in burns since the flash unit can become hot with continuous use.

⊘ **Never use the flash when the camera is pointing towards the driver of a vehicle.** This could cause an accident.

⊘ **Do not attempt to repair, disassemble, or modify the camera yourself.** The camera contains high voltage parts that could result in electric shock if they are touched. Refer all inspections, maintenance, and repairs to your dealer, or Canon service facility.

Do not touch the inside of the flash unit if the casing splits due to the camera being dropped etc. Never touch components inside the camera, or flash unit, if they become exposed. These areas contain high voltage parts that could result in electric shock if they are touched. Refer all inspections, maintenance, and repairs to your dealer, or Canon service facility.

⚠ **Keep the camera out of reach of infants and small children.** Children could choke if the strap becomes entangled around their neck.

⚠ **Always use the specified charging procedure when using the camera with the rechargeable Ni-Cd batteries.** Otherwise the batteries may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ Observe the following precautions for the rechargeable Ni-Cd batteries. If these precautions are not observed, the batteries may be damaged, causing them to leak, emit smoke or flames, or cause injury:

- **Do not solder the batteries.**
- **Do not damage or remove the exterior casing.**
- **Do not subject the batteries to strong shocks or throw them.**

⚠ WARNING

⚠ **Do not allow the liquid from the rechargeable Ni-Cd batteries to come into contact with your eyes.** If the battery liquid gets in your eyes, there is a risk of loosing your eyesight. Do not rub your eyes. Immediately rinse your eyes with clean water and consult a doctor.

⊘ **Charge the batteries at an ambient temperature between 0° and 40°C.** If the batteries are charged at a temperature outside this range, the batteries may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ **Never insert the batteries with the + and – terminals reversed.** The batteries may be damaged, causing them to leak, emit smoke or flames, or cause injury.

⊘ **Never insert metal objects into the connection sockets on the camera or optional accessories.** This could result in a fire hazard or electric shock.

⚠ **Only use the AC adapter with the specified voltage.** If a voltage outside the specified range is used, there is a risk of electric shock, fire, or injury.

⚠ **Use and store the camera out of reach of small children.** There is a risk of electric shock or injury.

⚠ **Never pull on the power cables.** Always disconnect power cables by pulling the plug. The cable may be damaged if it is pulled, causing electric shock, or the cable to emit smoke or flames.

⊘ **Do not place the power cable near a heater.** This could cause the cable to melt, causing electric shock, or the cable to emit smoke or flames.

⚠ **Keep products connected with power cables out of reach of infants and small children.** Children could choke if the cables become entangled around their neck. There is also the danger of electric shock.

⚠ CAUTION

Do not store the camera inside a car in hot weather, or near a source of heat. The camera itself may become hot, which could result in burns if it is handled while it is hot.

Do not store the camera where it will be exposed to very cold temperatures. The camera itself may become cold, which could result in injury if it is handled.

Do not knock the camera against other objects when carrying it by the wrist strap. This could result in injury or damage to the camera.

Do not transport the camera while it is attached to the tripod. This could result in injury if it falls over, or knocks against other objects. When using the tripod, always make sure that it is firmly attached to the camera.

If the camera is dropped in water, and water enter the camera, remove the batteries and consult your dealer or Canon service facility as soon as possible. If you continue to use the camera, there is a risk of electric shock, fire, or injury.

Do not allow metal objects, such as a key holder, to come into contact with the + and – terminals on the batteries. This could result in a fire hazard, electric shock, burns or other injuries.

Do not use or store the batteries where they will be exposed to high temperatures. This could result in liquid leaking from the batteries, and reduced battery life and performance. Also, the batteries may become hot, which could result in burns if they are handled while they are hot.

Do not charge the rechargeable Ni-Cd batteries for longer than the specified charging time. This could result in electric shock or a fire hazard.

Do not allow liquid from the rechargeable Ni-Cd batteries to come into contact with your skin or clothes. If the batteries should leak, wash any battery liquid off your skin and clothes with water immediately.

Do not fold, twist, or tie the power cable unreasonably, or place heavy objects on it. If the cable or plug becomes damaged, there is a risk of electric shock, fire, or injury.

Always disconnect the power cable from the power outlet after you have finished using the camera, or if it will not be used for a long period. Otherwise they could cause electric shock, fire, or injury.

Never use the power cable if it is damaged. This could cause electric shock, fire, or injury.

Introduction

Important

Take some test shots
Before taking any important pictures, at weddings etc., always take a few test pictures to make sure that the camera is working normally.

Liability
Canon cannot accept any liability for any loss of pictures stored on CF cards.

Copyright laws
Images recorded using this digital camera must not be used in ways that infringe copyright laws.

Checking the Contents of the Package

CF (compact flash memory) **Card** (2MB) (→16)

Wrist Strap (→18)

Soft Case (→18)

AC Aadapter

Rechargeable Ni-Cd Batteries

Battery Case

Serial Cable (→38)

Exchange Adapter for Macintosh

CD-ROM (Driver, Application)

3 power sources
1. Alkaline batteries: Allows you to use the camera immediately. (→12)
   We recommend that you use the rechargeable Ni-Cd batteries for normal use.
2. AC power: Requires the AC adapter. (→12)
3. Rechargeable Ni-Cd batteries: Can be used after being charged. (→14)

(→xx) indicates a reference to a page number containing additional information.

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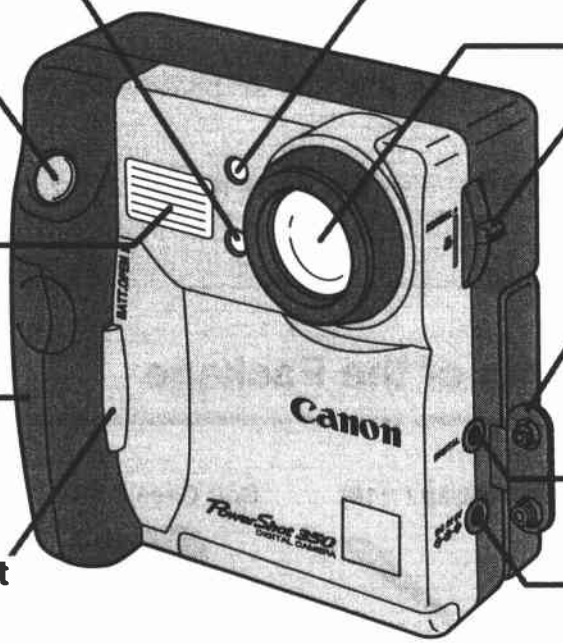
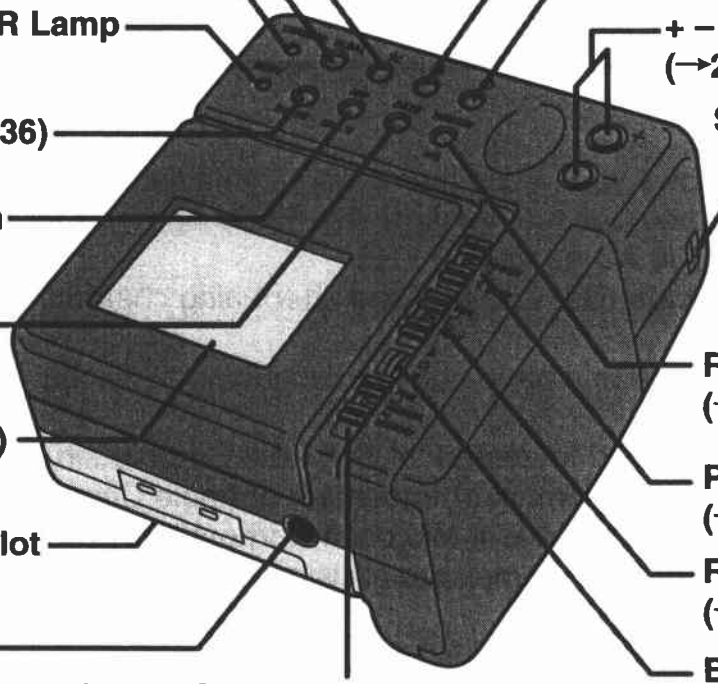
*Macintosh is a registered trademark or trademark of Apple Computer Inc.
*Windows is a registered trademark of Microsoft Corporation.
*All other company and product names are registered trademarks or trademarks of their respective holders.

Nomenclature

Parts of the Camera

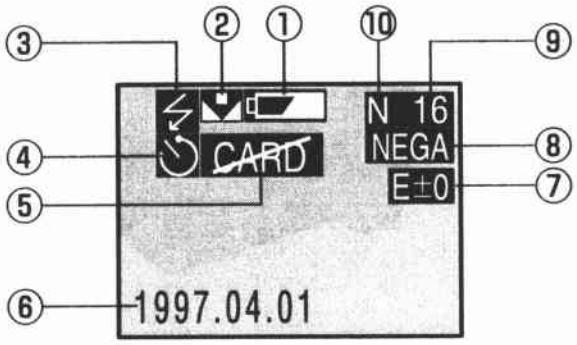


Self-timer Lamp (→33)
Light Sensor (→29)
Shutter Button (→22, 23)
Lens
Normal/Macro Lever (→32)
Flash (→28)
Terminal Cover
Grip/Battery Compartment (→12)
DIGITAL Terminal (→38)
Battery Compartment Release Lever (→12)
DC IN Terminal (→12)



W.BAL (White Balance) Button (→31)
Exposure Compensation (±) Button (→28)
Flash Button (→28)
CHARGING Lamp (→15)
Self-timer Button (→32)
BUSY/POWER Lamp (→20, 22, 26)
+ – Buttons (→20, 27, 29, 36)
ERASE Button (→36)
Strap Holder (→18)
N/P, MULTI Button (→32, 34)
DATE Button (→20, 21)
REMAIN/NO. Button (→23, 27)
LCD Panel (→11)
Power Switch (→20, 22, 26)
CF Card Holder Slot Cover (→16)
REC/PLAY Switch (→20, 22, 26)
Tripod Socket
Brightness Adjustment Slider (→24)
Image Quality Switch (→24)

LCD Panel



① Battery Level Indicator
Lights when the battery level is low and blinks about 5 seconds before the battery power is exhausted and the power is turned off. This display can be cancelled by pressing the REMAIN/NO. button.

② White Balance Indicator (→30)
Displayed when white balance manual adjustment is selected.

③ Flash Mode Indicator (→29)
- Red-eye reduction mode
- Flash OFF
- Flash ON
- If none of these indicators are displayed, the flash fires automatically in dark conditions. Before the flash fires, appears on the display.

④ Self-timer Indicator (→32)
Displayed when self-timer mode is selected.

⑤ CF Card Warning Indicator
- Lights when there is no CF card in the camera.
- Blinks when an unusable card is inserted.

⑥ Date/Time Indicators (→21)
Alternates between the date and time when the DATE Button is pressed.

⑦ Exposure Indicator (→28)
The exposure correction value is displayed when the button is pressed.

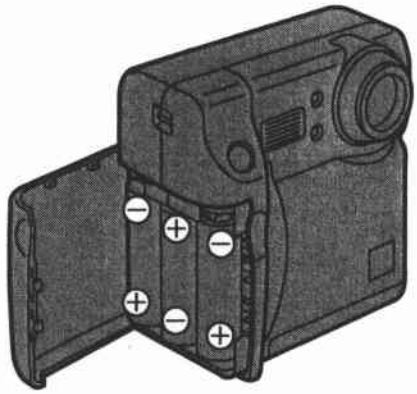
⑧ NEGA Indicator (→32)
Displayed when NEGA mode is selected.

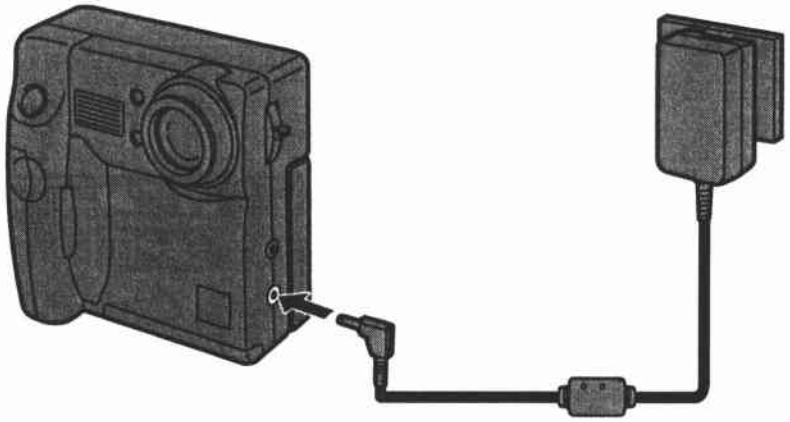
⑨ Remaining Images Counter (Recording mode) (→23)

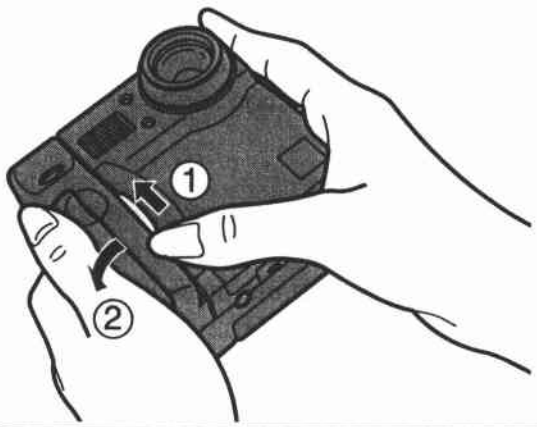
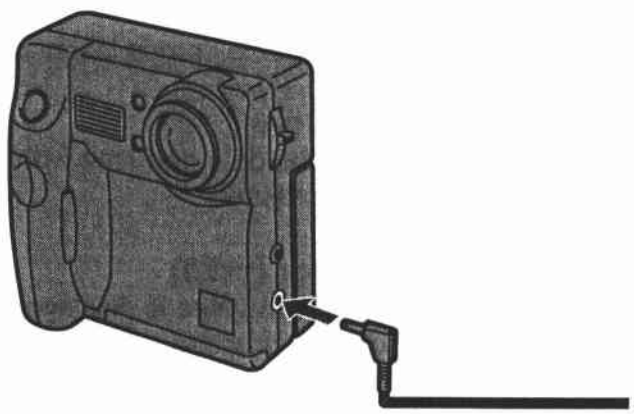
Image Number (Playback mode) (→27)

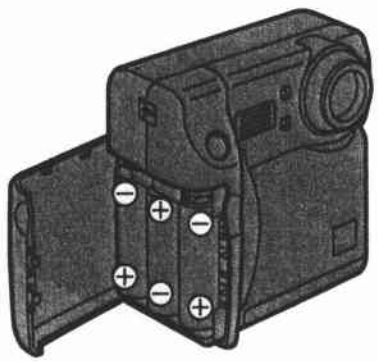
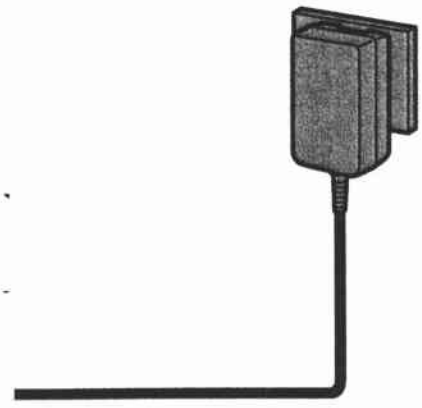
⑩ Image Quality Mode Indicator (→24)
E: ECONOMY
N: NORMAL
F: FINE
- Displays the currently selected image mode during recording.
- Displays the mode used to capture an image during playback.

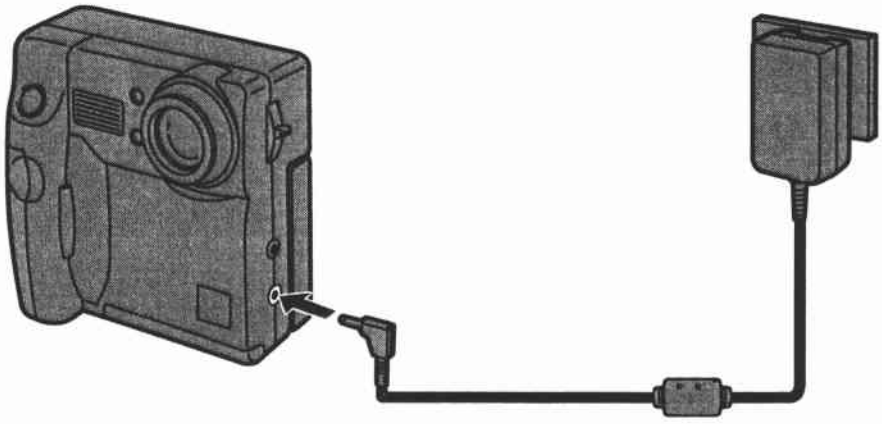
Erase Indicators (→36)
- "ERASE" is displayed in sections ④ ⑤ when a single image is erased.
- "ALL ERASE" is displayed when all the images are erased.

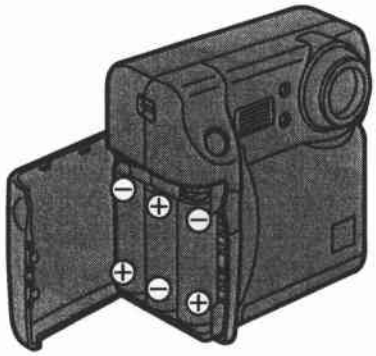




Title/Purpose	Procedure
Loading the Batteries Use three AA sized alkaline batteries if you want to take pictures immediately.	**1** **Open the battery compartment cover.** ① Push up the lever ② Open the cover 
Using the AC Adapter Use the AC adapter for taking pictures indoors.	**1** **Insert the AC adapter jack into the DC IN terminal on the camera.** 

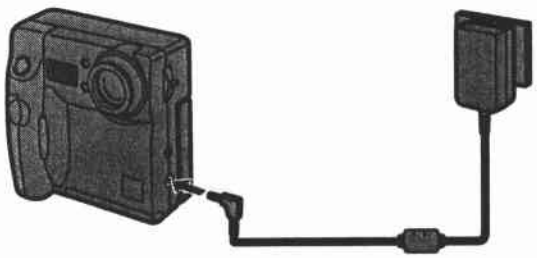
	Notes/Tips
2 Insert the batteries and close the battery compartment cover.  Make sure that the batteries are loaded with the correct + and – polarity.	• Always turn the power off when loading the batteries. • Always disconnect the AC adapter, if it is connected, when loading batteries. • Do not use alkaline batteries in very cold locations (10°C or lower). The batteries will be difficult to use and the power may be turned off suddenly. • Always remove the batteries if you will not be using the camera for a long time.
2 Plug the AC adapter plug into a power outlet. 	• Make sure that the camera is turned off before connecting the AC adapter. • Disconnect the AC adapter when it is not in use. • The Ni-Cd batteries will be recharged while the camera is using the AC adapter. • You can use the AC adapter even if batteries are loaded in the camera.



Title/Purpose	Procedure
Using the Ni-Cd Batteries The batteries are not charged before being shipped. Therefore, you will need to charge the batteries using the AC adapter before using them for the first time.	**1** **Load the Ni-Cd batteries.** See Loading the Batteries. (→12)  Make sure that the batteries are loaded with the correct + and – polarity.

2 Connect the AC adapter.

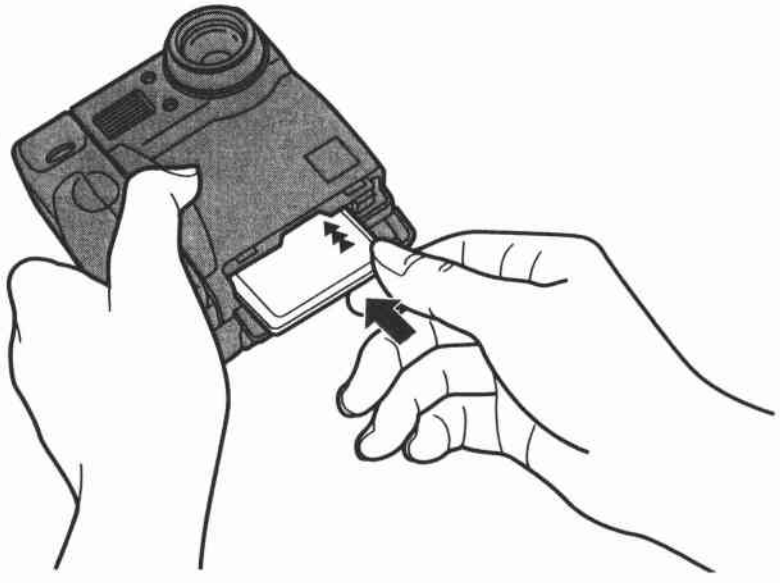
See Using the AC Adapter. (→12)



The batteries are recharged by the camera. The CHARGING lamp lights and the batteries are charged. The CHARGING lamp goes out when the batteries are fully charged — this takes about eight hours.

Notes/Tips

- Use only the rechargeable Ni-Cd batteries supplied, or P-3GAV type rechargeable Ni-Cd batteries.
- It takes about eight hours to charge the batteries.
- You can also use the AC adapter as a power source for the camera.
- The camera power is on when the BUSY/POWER lamp is on and batteries cannot be charged. The CHARGING lamp will light and the batteries will begin to charge when the power switch is turned off.
- Always remove the Ni-Cd batteries if you will not be using the camera for a long time.
- To prevent damage to the camera, the camera is designed so that it does not charge normal batteries.

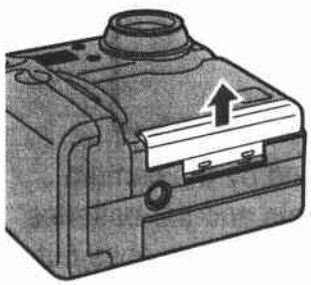


Title/Purpose	Procedure

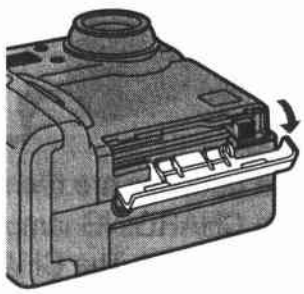
Inserting a CF Card (2MB)

Photographs taken with the PowerShot 350 are stored on CF (Compact Flash) memory cards as digital data. This allows you to erase or duplicate images easily. For details on handling CF cards, see "About CF cards" (→41).
Always turn off the camera before inserting or ejecting CF cards.

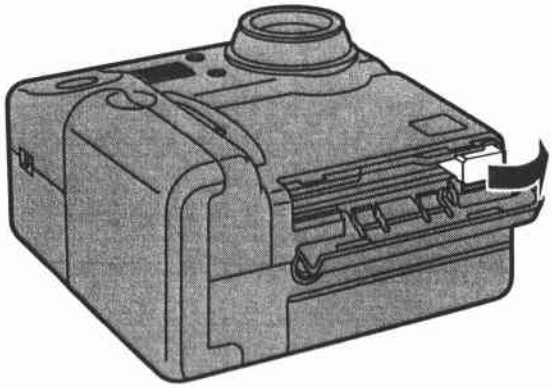
1 **Slide the CF card holder slot cover up.**



2 **Open the cover.**



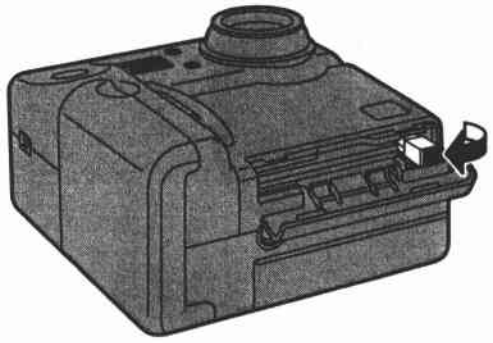
4 **Fold back the eject lever.**



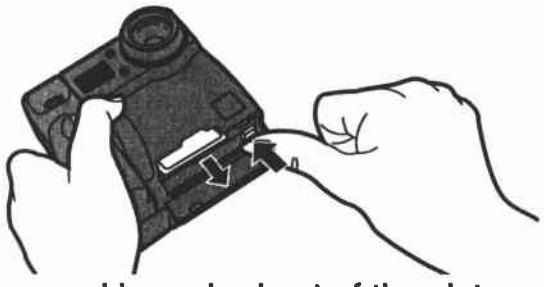
Canon provides 4MB and 15MB cards. You will be able to capture more images on a CF card with a larger storage capacity.

■ Ejecting CF cards

1 Open the slot cover and pull out the eject lever.

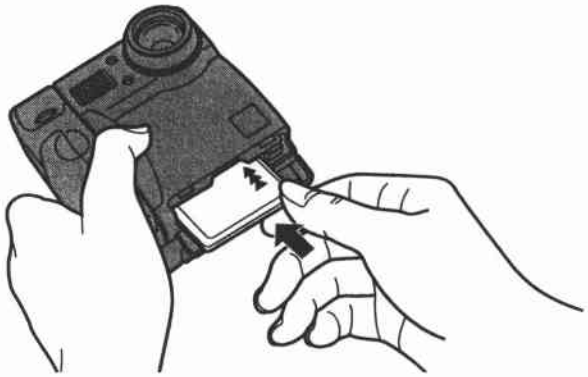


2 Push the eject lever into the camera.



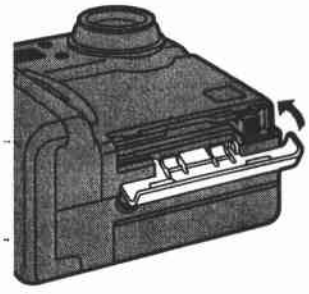
The card is pushed out of the slot so you can pull it out of the camera.

3 Insert the CF card.

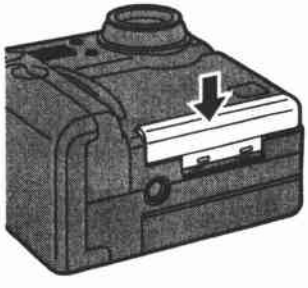


Insert the card with the ▲ mark facing upwards. Push the card firmly into the camera until it stops.

5 Close the slot cover.

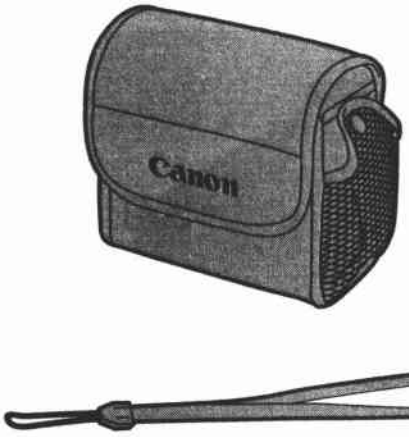


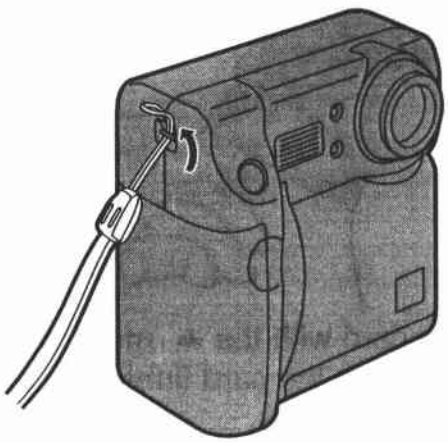
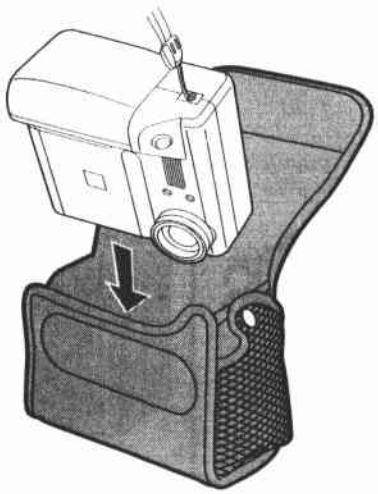
6 Slide the slot cover down to its original position.

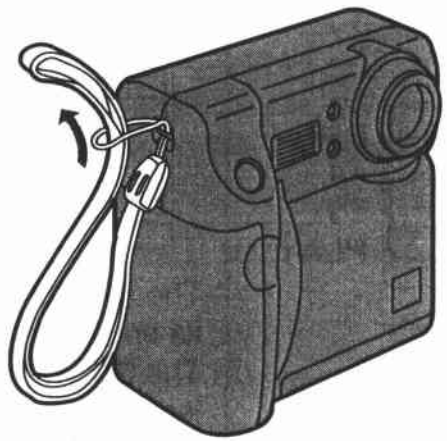
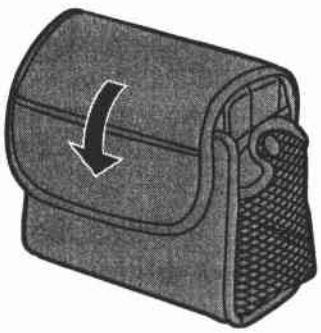


Notes/Tips

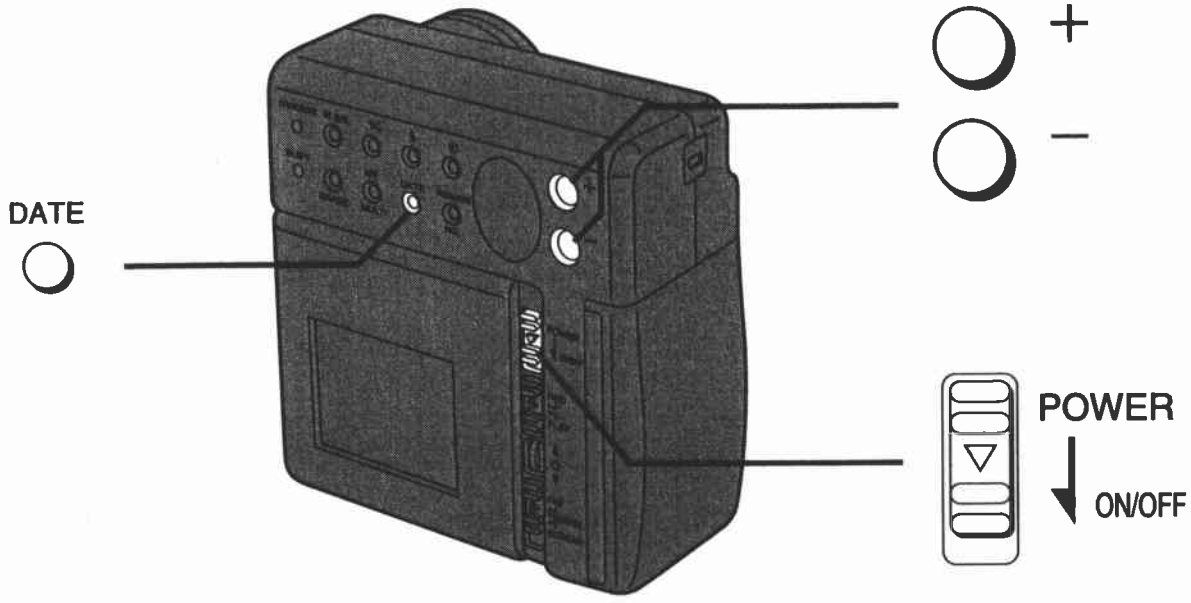
- **Never eject cards immediately after pressing the shutter button (when recording images) or when erasing (ERASE or ERASE ALL) images. The card's formatting information may be damaged, rendering the card unusable.**
- Make sure that the card is inserted in the correct direction.
- Always close the slot cover after inserting or ejecting cards.
- The power is automatically turned off if you eject a card while the power is on.
- If there is no card in the camera when the power is turned on, CARD lights on the LCD panel. CARD blinks if a card that cannot be used is inserted into the camera.
- If a card is not ejected properly when the eject lever is pressed, push the card into the camera again, then press the eject lever firmly to eject the card.
- Take care when pressing the eject lever to remove cards since a card may drop out of the camera when it is ejected.



Title/Purpose	Procedure
Attaching the Wrist Strap Before using your camera, attach the wrist strap provided to avoid dropping the camera.	**1** **Pass the end of the wrist strap through the strap holder on the camera, as shown.** 
Using the Soft Case Use the soft case when carrying the camera or travelling.	**1** **Insert the camera into the soft case, as shown.** 

	Notes/Tips
2 Feed the other end of the wrist strap through the loop and pull to secure the fastening. 	• Take care not to knock the camera against other objects when carrying it by the wrist strap.
2 Close the soft case. 	• You can store spare alkaline batteries in the side pocket. • The soft case includes a belt strap so it can be attached to a belt.

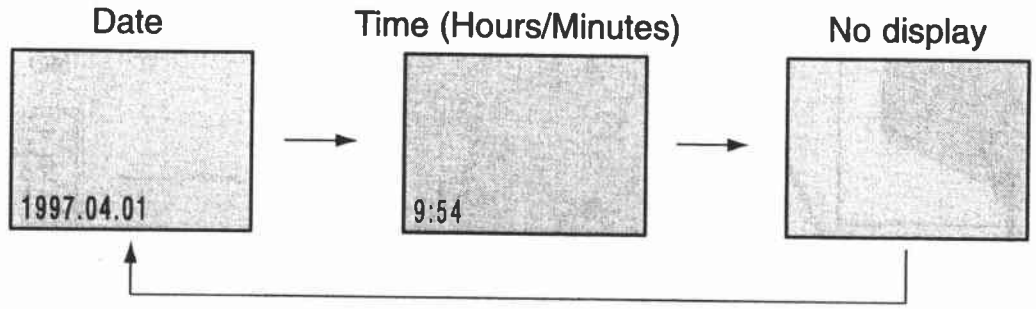
Setting the Date/Time



Title/Purpose	Procedure
Setting the Date/Time The automatic built-in calendar can be set between 1996 and 2095. The year is initially set to 2000, so you will need to use the + or – buttons to set the year. The clock uses the 24-hour system.	**1** **Set the REC/PLAY switch to REC.** REC PLAY **2** **Slide the power switch to turn the** POWER ON/OFF The switch returns to its original position. The BUSY/POWER lamp lights up in red.
	5 **Press the + or – button to set the month.** + – DATE Press the DATE button to confirm the month setting.
	6 **Press the + or – button to set the day.** + – DATE Press the DATE button to confirm the day setting.

Displaying the date or time

The LCD panel display changes with each press of the DATE button, as shown below.



• You cannot display both the date and time simultaneously.

3 Press the DATE button for two seconds or

DATE

The date appears on the LCD panel and the year digits blink.

4 Press the + or – button to set the year.

+

–

DATE

Press the DATE button to confirm the year setting.

7 Press the + or – button to set the hour.

+

–

DATE

Press the DATE button to confirm the hour setting.

8 Press the + or – button to set the minute.

+

–

DATE

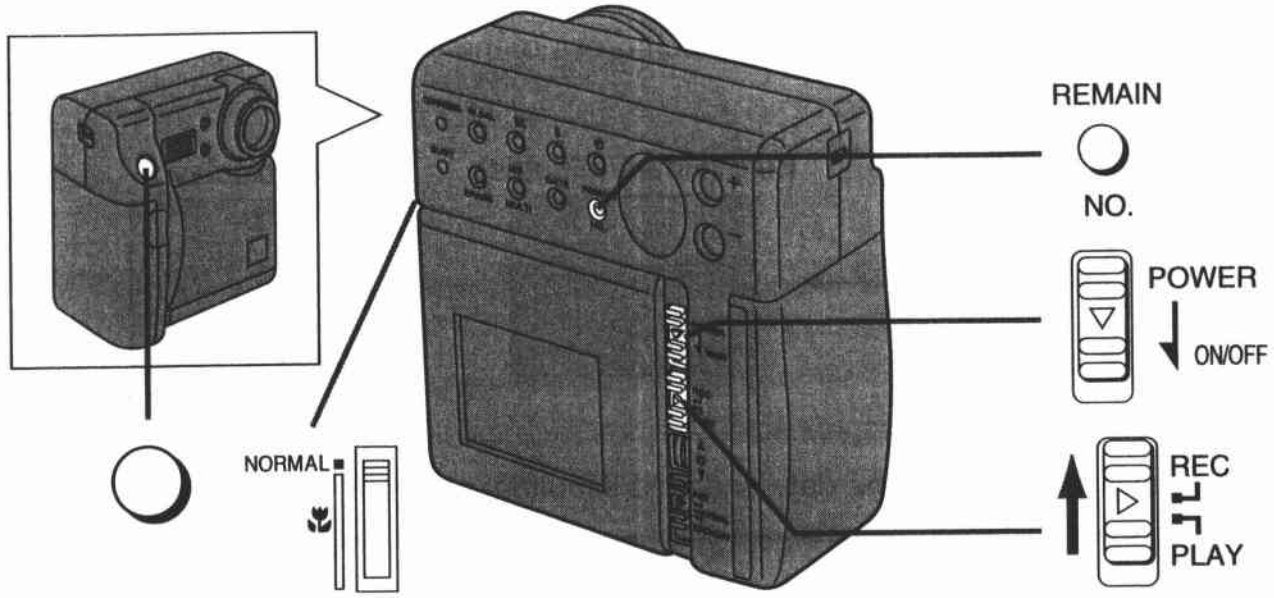
Press the DATE button to confirm the minute setting.

Notes/Tips

- Press the + or – button continuously to change the digits rapidly.
- When setting the day, all the months are displayed with 31 days. However, the date is automatically adjusted once the setting is confirmed. (For example, if the date is set to February 31, this is automatically adjusted to March 1.)
- The date/time cannot be set when the REC/PLAY switch is set to PLAY.
- The date and time of a picture are automatically recorded when a picture is taken, even if it is not displayed on the captured image. You can display this information when playing back the images.
- If the date and time have not been set, or if the settings have been lost, "2000.01.01" blinks on the LCD panel when REC mode is selected. (The time display is set to "12:00"). This date and time will be recorded if a picture is taken in this state.

Adjusting the settings after they have been set.

- Press the DATE button until the setting you want to change blinks, then adjust the setting using the + or – button.
- You will need to reset the date and time if you travel to a different time zone.



Title/Purpose	Procedure

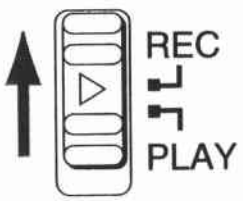
Taking Pictures

Holding the Camera

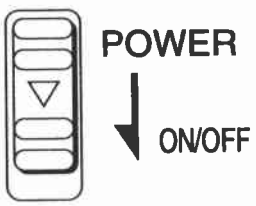
Hold the camera so that you can see the LCD panel clearly.

- Be careful to keep your hair and fingers from blocking the lens and flash.
- Do not expose the lens to direct sunlight.
- Do not press the LCD panel or subject it to strong shocks or vibrations.

1 **Set the REC/PLAY switch to REC.**

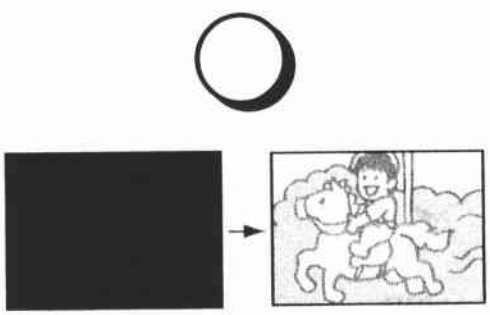


2 **Slide the power switch to turn the**



The switch returns to its original position. The BUSY/POWER lamp lights up in red.

4 **Press the shutter button.**



The BUSY/POWER lamp blinks. The LCD panel goes black while the lamp is blinking, then the image is displayed on the LCD panel about two seconds later.

Recording/Playback time capacities

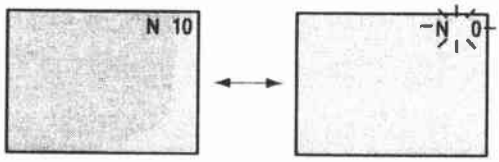
	Recording	Playback
Alkaline batteries	Approx. 30 mins.	Approx. 60 mins.
Rechargeable Ni-Cd batteries	Approx. 50 mins.	Approx. 80 mins.

Depending on the operating conditions and the type of batteries used (particularly when using alkaline batteries), these figures will vary.

Remaining images counter

The display showing the remaining number of images that can be taken by the camera alternates between on and off with each press of the REMAIN/NO. button.

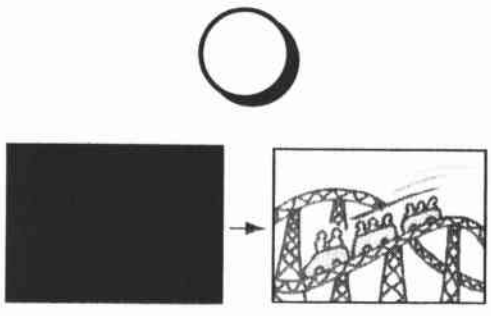
A blinking "0" means no more images can be stored on the card. Delete any unwanted images or replace the CF card.



3 Set the Normal/Macro lever to NORMAL.

Check the lever is set to Normal.

5 When taking successive images, press the shutter button after the LCD panel display has returned to normal.

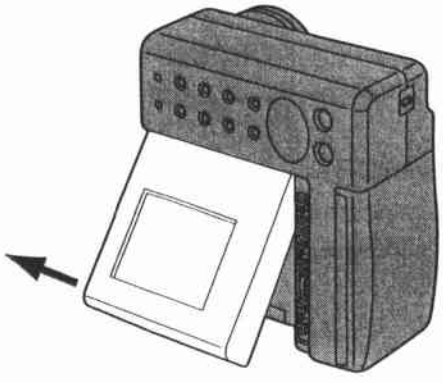


Notes/Tips

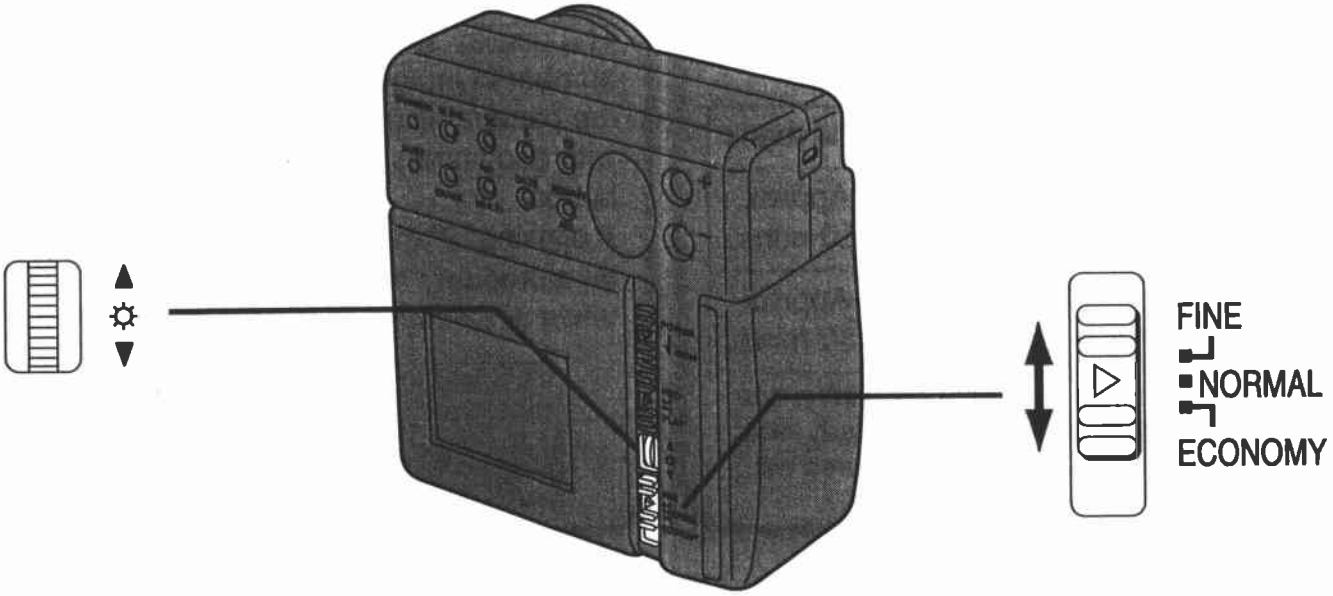
- You cannot take the next picture until the display returns to normal after the shutter button is pressed. (While the camera records and displays the image.)
- The flash fires automatically in dark conditions. (→28)
- When using battery power, the power is automatically turned off if you do not use a camera function for one minute. (Auto Power Off function)
  To use the camera, slide the power switch to turn the camera on again.
- Never disconnect the AC adapter, or change the batteries, immediately after pressing the shutter button (while the camera is saving the image data to the card). This can damage the formatting information for the

Adjusting the angle of the LCD panel

Adjust the angle of the LCD panel so that you see the image clearly. You can adjust the LCD panel to an angle of up to 40°.



Selecting the Image Quality Mode/Adjusting the Brightness of the LCD panel



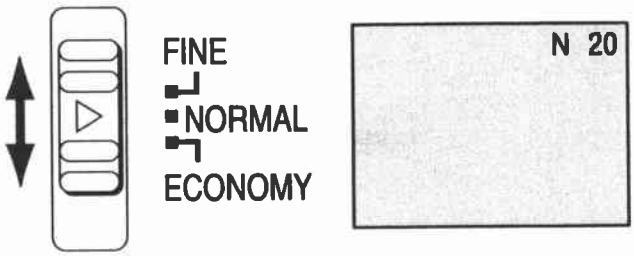
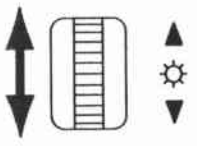
Title/Purpose	Procedure
Selecting the Image Quality Mode You can change the image quality mode. When you change the image quality mode, the display for the number of images that can be taken automatically changes to reflect the new setting.	**1** **Set the image quality switch to the desired setting.** 
Adjusting the Brightness of the LCD panel	**1** **Adjust the brightness of the LCD Panel with the brightness adjustment slider.**  ▲: Increases the brightness of the LCD panel. ▼: Decreases the brightness of the LCD panel. Adjust the brightness until the image on the LCD panel is easy to see. Adjusting the brightness of the LCD panel does not affect the brightness of images taken with the camera.

Image quality mode and number of images

The number of images that can be stored for each mode when using a 2MB CF card is as shown below.

ECONOMY: 47 images
NORMAL 23 images
FINE: 11 images

- These numbers can be used as a guideline, assuming all the images are captured in the same quality mode.
- Depending on the composition of your pictures, you may be able to take more images. (In some cases, the number of remaining images that can be captured does not decrease after an image is captured.)
- You will be able to capture more images if you use a CF card with more capacity (4MB, or 15MB).

Notes/Tips

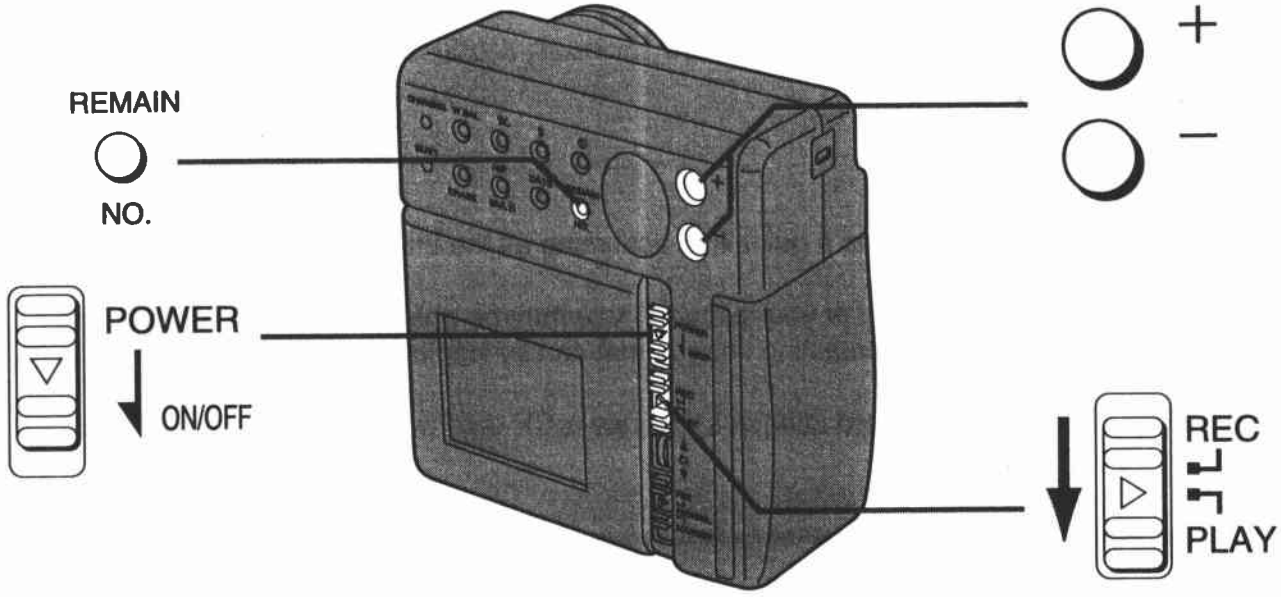
- You can select one of the three modes below.
  Select the mode most appropriate to your needs.

  ECONOMY
  Use this mode when you want to take several pictures in one session. The number of images that can be taken increases, but the images are captured at a lower resolution than those for NORMAL or FINE mode.

  NORMAL
  This is a standard image quality.

  FINE
  This is a high resolution image mode, however, the number of images that can be captured decreases.

- You can change the image quality mode while you are taking pictures. Although only a guide, you can use the following calculations to estimate the remaining number of images that can be taken. One image in FINE mode represents 2 images in NORMAL mode, and 4 images in ECONOMY mode.



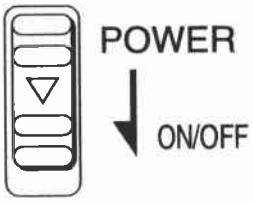
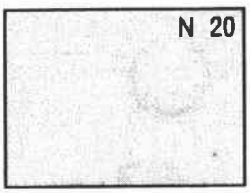
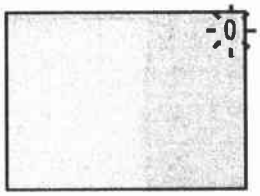
Title/Purpose	Procedure	
Viewing the Images (Playback)	**1** **Set the REC/PLAY switch to PLAY.**	**2** **Slide the power switch to turn the**  The switch returns to its original position. The BUSY/POWER lamp lights up in

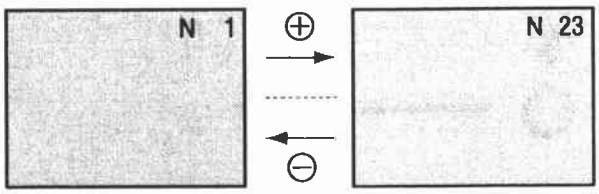
Image Number Display

The display of the image number alternates between on and off with each press of the REMAIN/NO. button.
If no pictures have been taken, "0" blinks on the LCD panel.

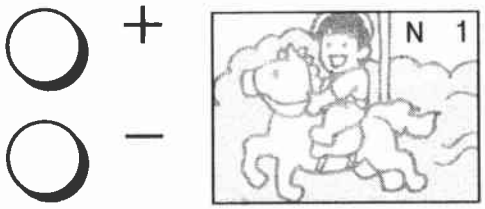




The image number display on the LCD panel changes with each press of the + or – button, as shown below.



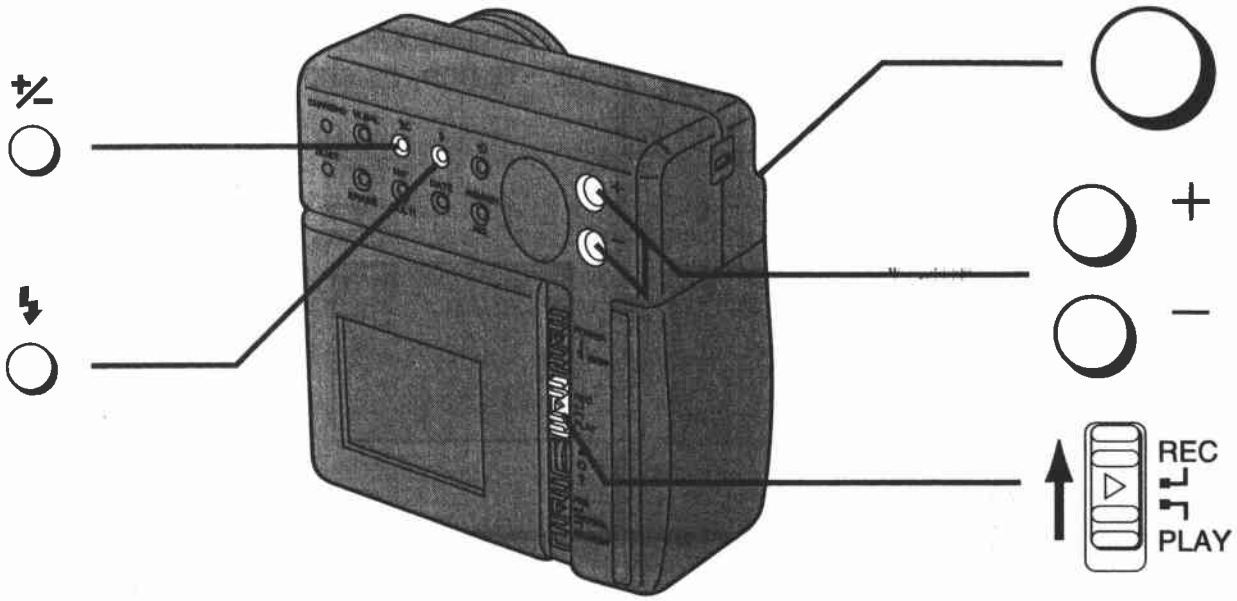
3 Press the + or – button to view the images.



Using the + button, the images are played in the order they were taken.
Using the – button, the images are played in the reverse order to the order in which they were taken.
Keep the button pressed to scroll through the images quickly.

Notes/Tips

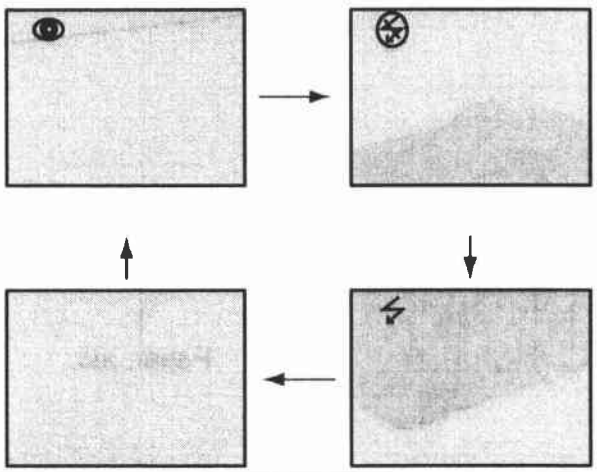
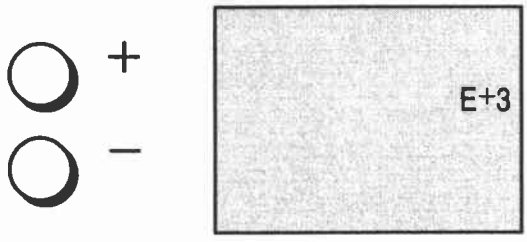
- You can press the + or – buttons quickly to advance the image number directly to a desired image number.
- When using battery power, the power is automatically turned off if you do not use a camera function for two minutes. (Auto Power Off function)
  To use the camera, slide the power switch to turn the camera on again.
  When using the AC adapter, the auto power off function is disabled. (The power is not turned off automatically.)

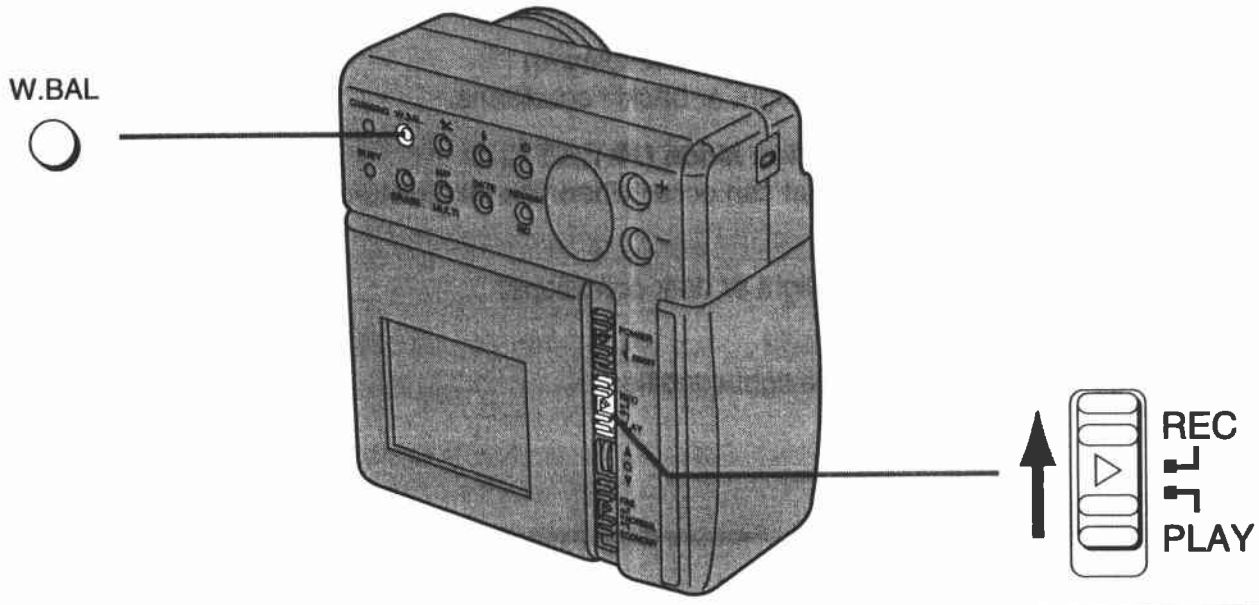


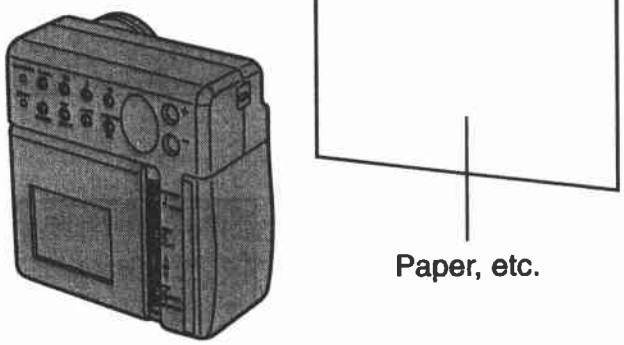
Title/Purpose	Procedure
Using the Flash Use the built-in flash for taking pictures in low light conditions. Be careful not to cover the flash lamp with your fingers when using the flash. Even if the flash lamp is only partially covered, the subject will not be illuminated as expected.	**1** **Press the flash button to select the flash mode.**
Correcting the Exposure The default setting is Auto exposure. Use this function when the background for a picture is very light or dark, and for backlit conditions.	**1** **Press the exposure compensation (±) button.** The exposure setting (E±0) is displayed.

The PowerShot 350 has the following four flash modes:

- **Auto Flash Mode** (In dark conditions, ⚡ is displayed)
  The flash automatically fires in low light or backlit conditions.
- **Auto Flash with Red-eye Reduction Mode** (👁)
  This reduces the red-eye effect that can occur when you take pictures of people with the flash.
- **Flash OFF Mode** (⊗)
  The flash will not fire even in low light or dark conditions.
- **Flash ON Mode** (⚡)
  The flash will fire regardless of the light conditions.

	Notes/Tips
The flash mode indicator changes with each press of the button, as shown below. 	• The flash range is between 0.7 to 3 m. • Take care not to cover the light sensor when using Auto Flash mode. The camera will not be able to detect the lighting level. • A ⚡ is displayed on the LCD panel before the shutter button is pressed to let you know the flash will be used. • The flash mode reverts to Auto after the power has been turned off. • If the flash is not fully charged in Auto Flash mode or Flash ON mode, the shutter is not released. • It takes about 10 seconds for the flash to charge.
2 Press the + or – button to adjust the exposure to the desired setting.  Using the + button, the image on the LCD panel becomes lighter. (E+1 to E+4) Using the – button, the image on the LCD panel becomes darker. (E–1 to E–4)	• You can adjust the exposure in eight 1/3–EV unit steps, from E–4 to E+4. EV is an abbreviation of Exposure Value and is used as a measure of the exposure. • Using this function can result in blue skies taking on a whitish appearance. • You cannot correct pictures with very bright backgrounds. • The exposure mode always reverts to Auto after the power has been turned off.

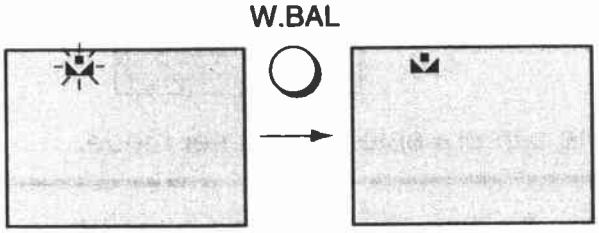


Title/Purpose	Procedure
Adjusting the White Balance White balance adjusts the colour tone of an image to suit the lighting conditions so that white areas appear white. The PowerShot 350 is set to use automatic white balance adjustment at the factory. The white balance mode reverts to auto after the power has been turned off.	**1** **Compose a picture with a predominately white subject.** 

What is White Balance?

White balance determines the white colour in an image under various lighting conditions. After determining which colour is white, for example in sunlight or under fluorescent lighting, white balance adjusts the other colours in an image to suit the lighting conditions. Since all colours (of light) are based on white, if white can be determined, all the other colours should appear natural.

2 Press the W.BAL button until blinks on the LCD panel.

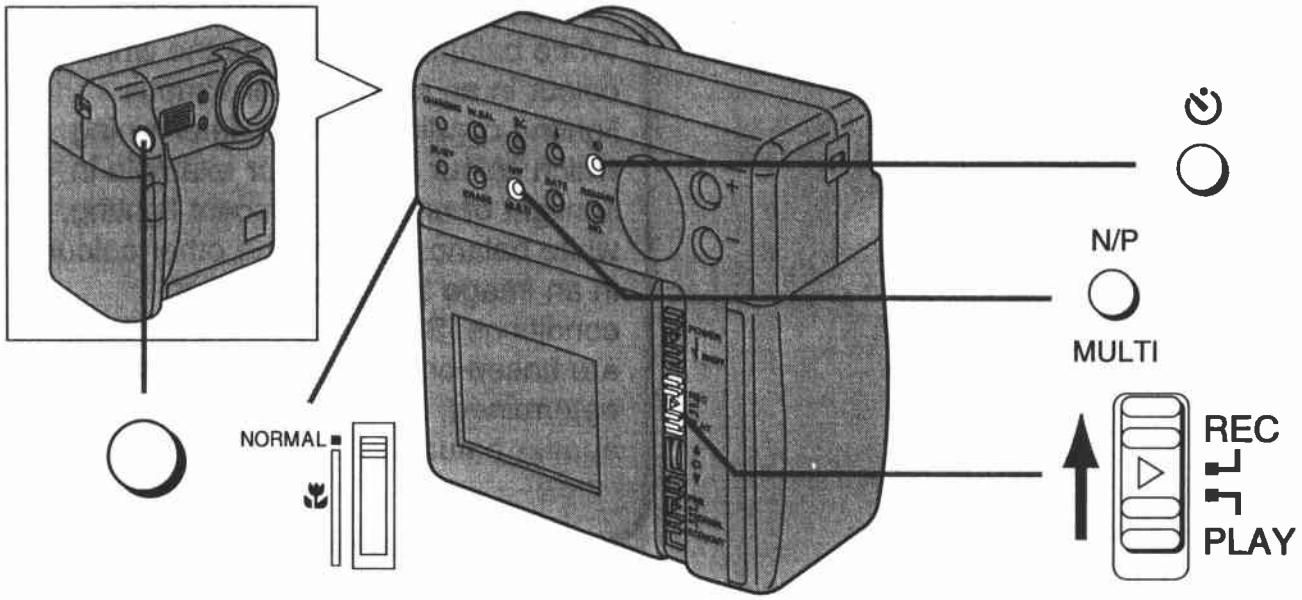


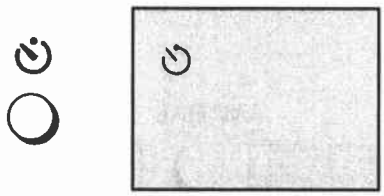
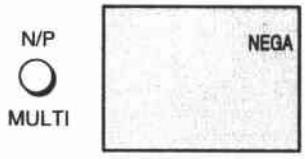
Notes/Tips

- For most users' we recommend that you use the PowerShot 350's automatic white balance adjustment (is not displayed). is displayed when manual adjustment is selected.
- It is not always possible to adjust the white balance manually in dark conditions. If you cannot set the white balance manually, use the automatic mode.
- After adjusting the white balance manually, the setting is saved even if the power is turned off. However, when the power is turned on white balance is automatically set to Auto mode. To use the stored manual setting, press the W.BAL button to switch to manual mode.

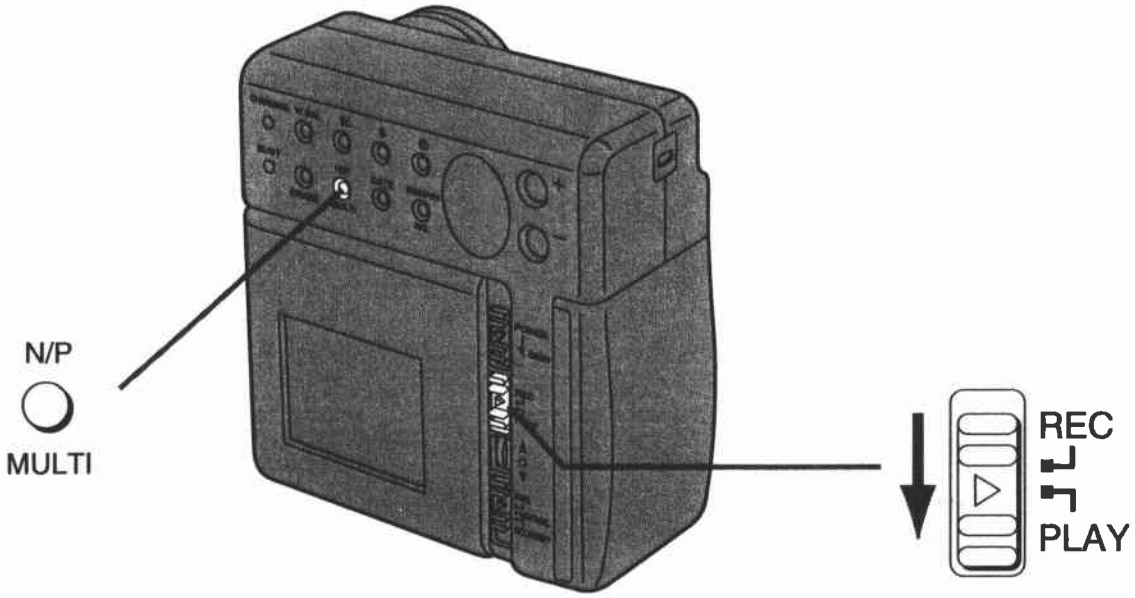
To return to Auto mode

Press the W.BAL button until appears on the LCD panel.



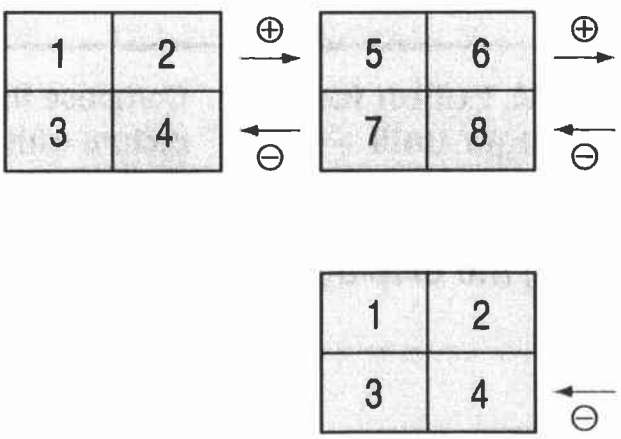
Title/Purpose	Procedure
Using the Self-timer Use this feature to include yourself in the picture by delaying the shutter release.	**1** **Press the self-timer button.**  The camera enters self-timer mode.
Taking Close-ups The macro focus function allows you to focus down to stamp-sized subjects and capture vivid details at postcard size. This is ideal for small objects or pictures of insects etc.	**1** **Approach the subject and adjust the Normal/Macro lever so that the image on the LCD panel is clear.** The Macro range is about 3 to 70 cm.
Viewing Negative Film (Switching between positive and negative images) You can capture images from normal negative film and reverse the image so that it appears as a positive, or normal print.	**1** **Press the N/P, MULTI button.**  **2** **Press the one second blinks on the blank negative film** W.BAL

	Notes/Tips
2 Compose the picture as desired, then press the shutter button. The self-timer lamp starts to blink. After about 8 seconds the indicator will start to blink faster and after 10 seconds the shutter is released.	• Place the camera on a steady surface, or mount it on a tripod when using self-timer mode. • You cannot adjust the shutter release period.
2 Press the shutter button to take the picture. 	• You can hold the camera as close as 30 mm to the subject. • Do not use the flash since the subject is too close for it to be effective. • Always set the lever to Normal when you have finished using the Macro function.
W.BAL button for or longer until LCD panel, with a section of the filling the display. **3 Compose the picture with the image from the negative film filling the display then press the**	• The camera is normally used in positive image mode. "NEGA" appears on the LCD panel when negative image mode is selected. • You will need to place a light source behind the negative film when capturing images from it. • The flash does not fire in negative image mode. • Pressing the N/P, MULTI button again returns the camera to positive image mode. (NEGA is no longer displayed on the LCD panel.) • The camera automatically reverts to positive image mode after the power is turned off. • Due to the image processing involved, image quality may not be as good as normal for some images.



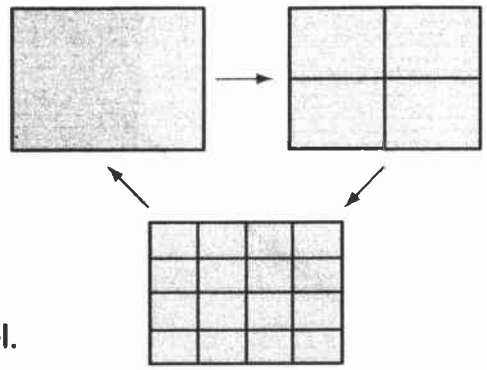
Title/Purpose	Procedure
Viewing Several Images at Once (Multi-image Mode) The LCD panel can display stored images in groups of 4 images or 16 images. This makes it very easy to check the images in the camera.	**1** **Set the REC/PLAY switch to PLAY.** **2** **Press the N/P, MULTI button to select the display mode desired.**

The LCD panel display changes with each
Example: Four image playback display
(Numbers = image number)

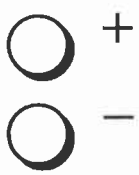


The PowerShot 350 includes the following three image playback modes.

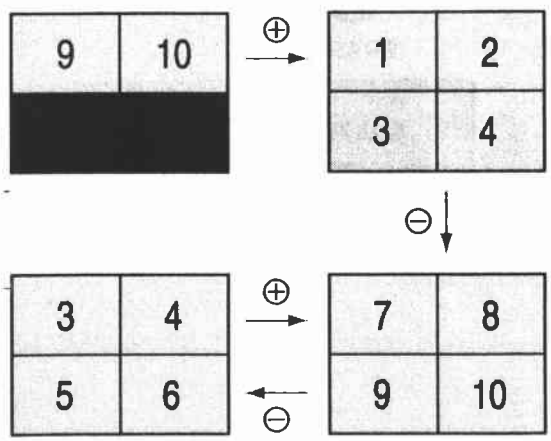
- **Normal**
  This displays a single image and is the normal playback mode.
- **4 Image display**
  This displays four images at a time on the LCD panel.
- **16 Image display**
  This displays 16 images at a time on the LCD panel.



3 Press the + or – button, as necessary.

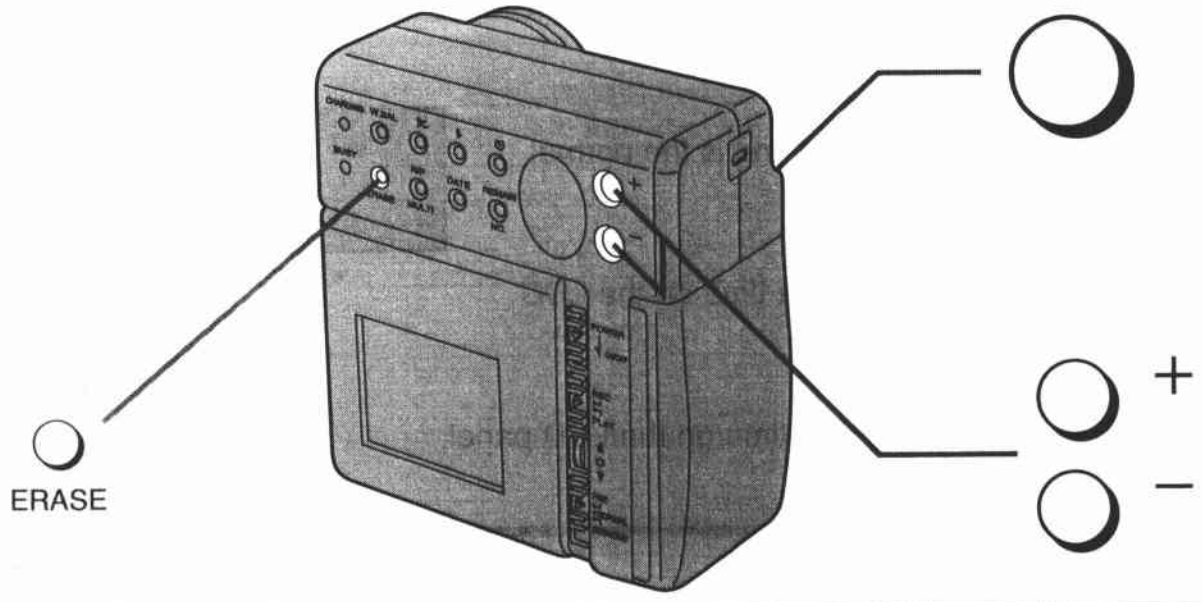


press of the + or – button, as shown below.
when 10 images have been taken.
Spaces without an image, appear black.



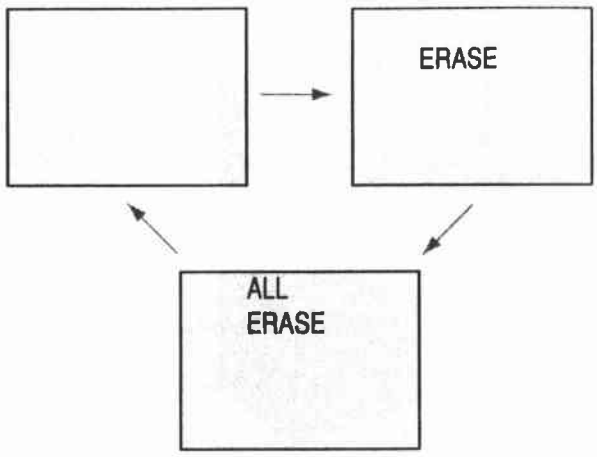
Notes/Tips

- When you switch from normal playback to multi-image mode, the first image is displayed at the top left of the display with the remaining images following it in the order they were taken.
- When you switch from REC mode to multi-image mode after taking picture, only the last image captured is displayed, at the top left of the display. The rest of the display appears black.
- The Date/Time information is not displayed in 4 Image and 16 Image display modes.
- The image may be cropped slightly at the top and bottom.
- The speed at which images are displayed will depend on the type of images in the camera.



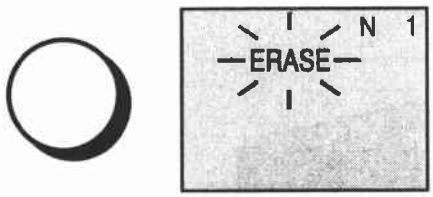
Title/Purpose	Procedure	
Erasing Images Use this mode to erase a single image, or several images from those stored in the camera. • **Images cannot be recovered once they have been erased. Therefore, be sure that you want to erase the image before using the erase function.**	**1** **Press the ERASE button.** ERASE N 1 ERASE	**2** **Press the + or – button to display the image you want to erase.** + –
■ Erasing All the Images Use this mode to erase all the images stored in the camera. • **Images cannot be recovered once they have been erased. Therefore, be sure that you want to erase the image before using the erase function.**	**1** **Press the ERASE button twice.** ERASE ALL N 1 ERASE	

LCD panel display for erase modes:



Notes/Tips

3 Press the shutter button for one second or longer.



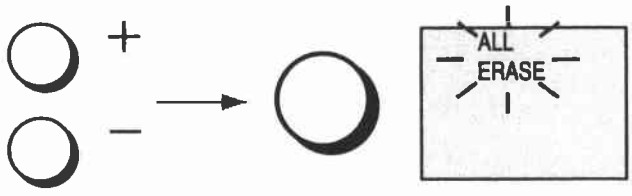
It takes 1 to 3 seconds to erase an image. (ERASE blinks on the LCD panel while an image is being erased.) After an image has been erased, the next image is displayed and the other images are renumbered accordingly.

To continue erasing other images:

1. Press the + or – button to select the image you want to erase.
2. Press the shutter button for one second or longer.

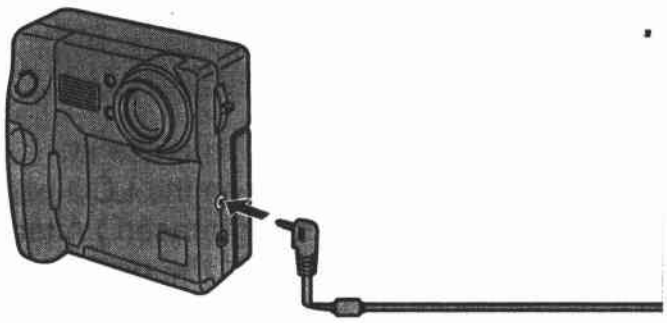
- When you have finished erasing images, press the ERASE button twice. The camera reverts to normal playback mode.
- When no more images remain ("0" blinks on the LCD panel), erase mode is automatically cancelled.
- The camera cannot erase images on CF cards taken with a different camera.

2 Press the shutter button while pressing the + and – buttons.



It takes about 5 seconds, on average, to erase all the images in the camera. (ALL ERASE blinks on the LCD panel while images are being erased.) The image

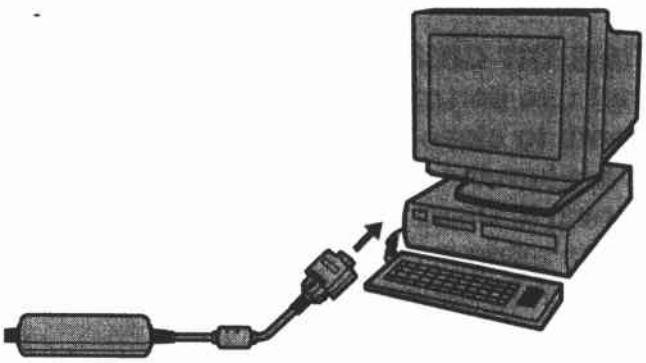
- When you have finished erasing images ("0" blinks on the LCD panel), the camera automatically reverts to normal mode.
- The camera cannot erase images on CF cards taken with a different camera.
- If the battery power runs out while erasing the images, the power is automatically turned off. In this case, not all the images may have been erased. Replace the batteries and repeat the erase procedure.
- Never disconnect the AC adapter, or change the batteries, while the camera is erasing images. This can damage the formatting information for the card.

Title/Purpose	Procedure
Using the Serial Cable IFC-35D to Transfer Images You can use the serial cable to connect the camera to your PC or Macintosh computer.	**1** **Use the serial cable IFC-35D to connect the camera to your computer.** 

Using a Card Reader to transfer images to a computer

1. Insert a CF card containing images into the optional PCMCIA adapter, then insert the card into the PC card drive on your computer. (The PCMCIA adapter can be purchased at your dealer.)
2. Open the images in an application that supports the JPEG format.

Connect the serial cable IFC-35D to the DIGITAL terminal on the camera.



Notes/Tips

- Refer to the software instruction manuals that are included with the PowerShot 350, for more details on connecting the camera and PC, and for details on transferring images between the camera and your PC.
- When transferring images to a computer the LCD panel displays a black image with the letters "PC".
- Cables and software are supplied for the following systems:
  Windows95 (including adapter)
  Macintosh (including adapter)

Getting the Best Out of Your Camera

Precautions

Avoid locations near equipment that generates magnetic energy or radio frequencies, such as a TV or game machine.

- If the camera is placed on or near a TV, electrical interference may effect the images in the camera.
- The camera and radio frequencies generated by some electrical devices can interfere with each other, causing the images in the camera to be damaged.

Avoid using the camera near electricity poles.

- The electrical energy generated by these utilities can adversely effect the quality of the images.

Do not use the camera in the following locations:

- In a bathroom or other humid location.
- In a warehouse or other dusty location.
- Near a heater, fire or other sources of heat.

Do not use the camera where there are corrosive or harmful vapors.

- If the camera is used in such a location, the casing may discolor or the coating may start to peel off.
- Do not stand the camera on a rubber or plastic surface for a long time.

This camera is not designed for commercial use.

Notes on carrying the camera

Do not drop the camera or expose it to shocks, when moving or carrying it.

- If the camera is knocked, the external casing may break, causing the camera to malfunction.
- Handle the camera carefully when carrying it. Put it in the soft case, or wrap the wrist strap around your wrist to avoid accidentally dropping the camera.
- If the camera is inserted into a different bag, the switch settings may be changed. Always check the image quality mode settings etc. before taking pictures.

Keep the camera in a plastic bag when moving it from a cold location to a warm location.

- If condensation accumulates on the camera, remove the batteries and dry them before using the camera.

Notes on cleaning the camera

Do not use benzene, thinner or other solvents to clean the camera.

- Always turn the camera off before cleaning it. Disconnect the AC adapter if you are using it.
- Solvent may cause the casing to distort, or the coating to peel off.
- Use a soft dry cloth to clean the camera. For stubborn stains, wipe the camera with diluted detergent, then wipe it with a dry cloth.
- If using a chemical cleaner, follow the precautions for the product you are using.

Notes on handling the batteries

Always remove the batteries, or disconnect the AC adapter when you have finished using the camera.

- If the batteries are left in the camera for an extended period of time they may leak, damaging the camera.
- Store the camera and batteries in a cool, dry location with an even temperature.

About CF cards

CF Cards

- The camera is shipped with a 2MB (megabyte) CF card. Canon also provides 4MB and 15MB cards.
- Your PowerShot 350 uses special CF (CompactFlash) cards to store image data. Please note that not all CF cards are compatible with the camera. To ensure that the camera is used safely, we recommend that you use Canon CF cards.
  Always check with your dealer, or Canon service facility before using other CF cards with the camera.

Handling precautions for CF cards

- Do not bend the cards, or subject them to strong or sudden shocks. Do not drop the cards.
- Do not store the cards in the following locations:
  Dusty or humid locations.
  Locations where they will be exposed to static electricity or magnetic fields.
- Do not allow dust, water, or foreign objects to enter the CF card holder slot on the camera.

Image data

- Pictures taken with the PowerShot 350 are stored on the CF cards as digital data. This means that data images stored on the card can be erased, or duplicated.
- The image data in the cards may be lost or the card damaged if the card is mishandled, exposed to static discharge or magnetic fields. Canon accepts no responsibility whatsoever for the loss of recorded data.

About the LCD panel

- The LCD panel is built using precise engineering. Over 99.98% of the pixels in the panel are effective, however, 0.02% of the pixels may be defective or flicker.
- Do not press the surface of the LCD panel. This will cause ripples to appear on the panel and can cause it to malfunction.
- In cold conditions, the image on the LCD panel will be darker than normal. As the camera warms up, the image will become brighter.
- If you press the + or – button repeatedly during playback, the earlier images may remain on the screen. Do not press the + or – button too quickly when playing back the images.
- Clean the surface of the LCD panel with a soft, dry cloth.

About the LCD panel backlight

- The LCD panel contains a special fluorescent backlight for illumination. If the image becomes dark, flickers, or is not displayed at all, the backlight may have expired. Replace the backlight with a new one.
  Consult your dealer or Canon service facility about replacing the backlight.

About the rechargeable Ni-Cd batteries

Using other rechargeable Ni-Cd batteries

- Only use the rechargeable Ni-Cd batteries included with the camera, or Panasonic P-3GAV rechargeable Ni-Cd batteries (optional) with this camera.

Condensation

If condensation occurs, the lens or LCD panel will become misty and you cannot take pictures. Try to avoid situations where condensation is likely to occur and follow these precautions if it does occur.

What is condensation

Condensation refers to the water droplets that can form on a cold object when it is exposed to warm air. For example, condensation forms on a bottle after it is removed from a refrigerator and placed in a warm room.

Condensation may occur in the following situations:

- After entering a warm room when the weather outside is cold.
- After leaving an air conditioned vehicle.
- When a cold room is suddenly heated.
- When the air from an air conditioner is applied directly to the camera.
- Hot, damp locations.

Preventing condensation

To avoid condensation occurring for example, after entering a warm ski lodge from outside, seal the camera in a plastic bag so that it is not exposed to the air.

If condensation occurs on the lens or other parts of the camera:
Turn off the power and allow the camera to stand for about an hour. This will allow the camera to adjust to the surrounding temperature and allow the condensation to evaporate.

Accessories

- PCMCIA Card Adapter
- FC-15M CompactFlash Card (15MB)
- FC-4M CompactFlash Card (4MB)

Troubleshooting

Refer to the following table if you have a problem with the camera. If you cannot solve the problem, consult your dealer or Canon service facility.

Power supply

Problem	Cause	Page
Cannot charge the batteries	• Specified rechargeable Ni-Cd batteries not being used.	15, 41
No power is supplied	• The batteries are exhausted. • The batteries are not loaded properly. • The AC adapter is not connected properly.	– 13 12
Power is supplied but goes off almost immediately	• The batteries are exhausted. • The rechargeable Ni-Cd batteries are not charged sufficiently. • The rechargeable Ni-Cd batteries have expired. • The camera is being used in a cold location.	– 14 – –
The power is turned off	• The auto power off function is working. →Turn the power on again.	23, 27

Specifications

Model: Digital Camera (Record and Play Model)
Recording Method: Digital Recording
Image Storage Medium: CompactFlash (CF) card (2MB CF card included)
Recording Capacity: When used with 2MB CF card
3 modes ECONOMY: 47 images
NORMAL: 23 images
FINE: 11 images
Delete Mode: Delete one image or Delete All
CCD: 1/3" VGA Progressive Scan CCD (350,000 pixel)
Optical Resolution: 640 × 480 pixels (square elements)
White Balance: Automatic and Manual Set
Lens: f-2.8, f 6mm 3 groups 4 elements (equivalent to 42 mm of 35 mm film camera)
Aperture: f/2.8 (Maximum Aperture)
Metering Method: TTL metering center-weighted average with CCD
Exposure Control: Program AE
Shooting Range: 0.7m – ∞ (Standard Mode: Pan Focusing)
0.03 m – 0.7 m (Macro Mode)
Shutter: Electronic (1/4 – 1/2,000)
Equivalent ISO Speed: ISO120
LCD Monitor: 1.8 inch colour LCD
On Screen Display: frames remaining, frame number, negative/positive, white balance, self-timer, Image Quality status mode, battery warning, date/time, exposure accuracy, flash mode, PC status display.
Shooting Interval: Approx. 10 sec (including charging flash)
Shooting range with flash: 0.7 m – 3.0 m
Flash Mode: Auto Flash, Red-eye reduction, Manual flash on/off
Self-timer: Approx. 10 sec.
External Connector: DC input terminal, digital input/output terminal
Date/time: Date/time is recorded with image data.
Automatic Calendar: till 2095 (24 hours back up)
Image Output Terminal: Miniature Jack (3.5 mm, two poles)
Digital Terminal: Serial interface (use with proprietary connector cable)
Operating Temperature: 0 – 40°C
Operating Humidity: 30 – 90 % (no condensation)
Power Source: DC 4.5Volts. Alkaline batteries ×3 or Nickel-Cadmium batteries ×3, or Panasonic AC adapter (option)
Battery Consumption: Recording; 4.2 W
Play; 2.7 W
Size: 93 (W) × 94 (H) × 51.3 (D) mm
Weight: Approx. 290 g (excluding battery)

Taking Pictures

Problem	Cause	Page
Pictures are not taken even when the shutter button is pressed	• The REC/PLAY switch is not set to REC. • A usable CF card has not been inserted. • The CF card is full. →Delete images no longer required. • Self-timer mode is selected. • The flash is charging. →Wait for the flash to finish charging.	22 – 36 32 29
The LCD panel and image are not clear	• The LCD panel brightness has not been adjusted. • The LCD panel is being pressed. • The LCD panel is dirty. • The backlight has expired. (Consult your dealer.)	24 22 – 41
The images are not focused	• The Normal/Macro lever is set to Macro.	32
The flash does not fire	• Flash OFF mode is selected.	29
The colours are not natural	• Manual white balance adjustment is selected. • White balance cannot be adjusted for the lighting conditions.	30 31

Playback

Problem	Cause	Page
Cannot playback images	• The REC/PLAY switch is not set to PLAY. • A CF card containing images has not been inserted. • All the images on a CF card have been	26 16 36

Others

Problem	Cause	Page
Cannot transfer images to a PC	• A PC is not connected properly. →Refer to the Quick Reference Card for more details.	38

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— MEMO —

— MEMO —

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